WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Monday, March 28, 2005

Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR	
☐	L21	L18 not L19	8
☐	L20	L18 and methoxyethyl	3
☐	L19	L18 and phosphorothioate	3
☐	L18	L17 and (antisense or anti-sense or ribozyme or siRNA)	11
☐	L17	IRAK4 or (IL-1 adj receptor adj associated adj kinase-4)	12

END OF SEARCH HISTORY

From:	Bowman, Amy
Sent:	Monday, March 28, 2005 11:04 AM
To:	Schreiber, David
Cc:	Bowman, Amy
Subject:	10/630,399

Hello,
I need a score over length search of bases 1548-2469 of SEQ ID NO: 3 in application 10/630,399, with a lower and upper limit of 8 and 50 nucleobases, respectively, with at least 80% identity.
Thank you,
Amy Bowman
AU 1635
Rem 2c31

SCORE OVER LENGTH SEARCHES

Attached is a score over length search. This search was developed to overcome limitations in most standard search systems which favor large sequences with high scoring, but lesser overall identity over smaller sequences with higher overall identity. This search is especially useful for relatively small nucleic acid or polypeptide target sequences (antisense, fragments, probes, primers, RNAi, epitopes, haptens, etc.) claimed functionally via a form of hybridization and/or identity language and having defined upper and lower polynucleotide and or polypeptide length limits.

The score over length search is performed by first running the query sequence using examiner-specified identity and polynucleotide or protein length limit parameters, and saving 65,000 hits and 0 alignments from each desired database. The resulting output is reformatted using a Microsoft Word macro and is imported into Excel. The summary table data are then sorted by the ratio of score of each hit sequence divided by its length and the accession numbers for all hits below the examiner's desired score over length parameters are deleted. The remaining accession numbers are used to pull the corresponding sequences from the databases into subdatabases enriched for good hits and the query sequence is re-run against these subdatabases to yield the final results.

The score over length cutoff for this search is _80.76_.

Examiner Please Note: This cover sheet should be included when submitting results to be scanned.